

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
 Data File : BM017992.D
 Acq On : 07 Dec 2018 09:02
 Operator : JU/SJ
 Sample : J6170-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9M08

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.169	27	31	34	rBV5	8304	10150	0.29%	0.034%
2	3.593	102	103	109	rBV4	4011	6582	0.19%	0.022%
3	3.757	126	131	136	rVB2	12999	21188	0.61%	0.070%
4	3.857	145	148	152	rBV4	6233	7380	0.21%	0.024%
5	3.916	155	158	160	rBV5	3230	3930	0.11%	0.013%
6	3.957	160	165	172	rVB5	12600	19506	0.56%	0.064%
7	4.269	214	218	220	rVB3	3996	5617	0.16%	0.019%
8	4.751	292	300	304	rBV5	17777	34102	0.98%	0.113%
9	5.993	503	511	516	rBV3	10897	18780	0.54%	0.062%
10	6.575	607	610	613	rBV3	2429	3739	0.11%	0.012%
11	6.751	635	640	653	rBV3	92692	225550	6.48%	0.745%
12	6.910	660	667	684	rBV	441413	714111	20.50%	2.358%
13	7.098	689	699	713	rBV	474910	820533	23.56%	2.709%
14	7.557	769	777	786	rBV	475733	793470	22.78%	2.620%
15	7.828	821	823	828	rBV5	3000	3896	0.11%	0.013%
16	8.269	892	898	909	rBV	291910	553692	15.90%	1.828%
17	8.710	966	973	983	rBV	508303	885145	25.41%	2.923%
18	9.098	1033	1039	1042	rBV3	7135	8256	0.24%	0.027%
19	9.422	1087	1094	1111	rBV	409174	739919	21.24%	2.443%
20	9.963	1176	1186	1207	rBV	354062	1013242	29.09%	3.345%
21	10.322	1240	1247	1258	rBV	621350	1063764	30.54%	3.512%
22	10.539	1279	1284	1285	rBV3	7448	8453	0.24%	0.028%
23	10.581	1289	1291	1296	rVB2	3096	4834	0.14%	0.016%
24	11.951	1521	1524	1525	rBV2	4999	5067	0.15%	0.017%
25	12.051	1534	1541	1544	rBV	5172	8064	0.23%	0.027%
26	13.198	1729	1736	1743	rBV8	7742	18739	0.54%	0.062%
27	13.627	1802	1809	1824	rBV	1031565	1590529	45.66%	5.251%
28	13.892	1848	1854	1870	rBV	1256289	1981381	56.88%	6.542%
29	14.204	1901	1907	1924	rBV2	863616	1365269	39.20%	4.508%
30	14.510	1954	1959	1962	rBV3	12329	23408	0.67%	0.077%
31	14.663	1983	1985	1992	rVB4	4126	7129	0.20%	0.024%
32	15.057	2048	2052	2054	rBV	5209	4952	0.14%	0.016%
33	15.092	2056	2058	2063	rVB4	4338	4897	0.14%	0.016%
34	15.210	2071	2078	2092	rBV	1635701	2433219	69.86%	8.034%

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35	15.351	2096	2102	2116	rVV	363160	673624	19.34%	2.224%
36	15.451	2116	2119	2124	rVV4	21780	37553	1.08%	0.124%
37	15.521	2127	2131	2132	rVB3	3582	3595	0.10%	0.012%
38	15.604	2139	2145	2148	rBV4	6411	9998	0.29%	0.033%
39	15.780	2172	2175	2179	rVB3	2485	3883	0.11%	0.013%
40	16.368	2270	2275	2278	rBV4	3163	4409	0.13%	0.015%
41	16.510	2293	2299	2301	rBV4	3681	5041	0.14%	0.017%
42	16.757	2334	2341	2344	rBV5	4227	8817	0.25%	0.029%
43	16.962	2370	2376	2387	rVV	1017598	1461817	41.97%	4.827%
44	17.062	2387	2393	2412	rVB2	1658179	2508193	72.01%	8.281%
45	17.586	2481	2482	2489	rVB4	2007	3683	0.11%	0.012%
46	17.874	2526	2531	2542	rBV2	118396	218161	6.26%	0.720%
47	18.162	2579	2580	2584	rVB4	4851	3963	0.11%	0.013%
48	18.809	2684	2690	2691	rBV4	5083	7858	0.23%	0.026%
49	18.939	2709	2712	2714	rBV4	5449	6295	0.18%	0.021%
50	19.003	2720	2723	2728	rBV3	17617	32332	0.93%	0.107%
51	19.168	2746	2751	2758	rBV2	122991	202128	5.80%	0.667%
52	19.256	2763	2766	2771	rVB2	18610	25969	0.75%	0.086%
53	19.368	2779	2785	2801	rBV	2105630	2944884	84.55%	9.723%
54	19.780	2853	2855	2859	rBV4	5401	9024	0.26%	0.030%
55	19.833	2862	2864	2866	rBV2	5694	5609	0.16%	0.019%
56	20.368	2953	2955	2957	rBV3	9862	7138	0.20%	0.024%
57	20.897	3042	3045	3049	rBV5	31159	40919	1.17%	0.135%
58	21.174	3087	3092	3105	rBV	1224550	1818090	52.20%	6.003%
59	21.756	3189	3191	3197	rVB4	38510	42978	1.23%	0.142%
60	22.209	3265	3268	3271	rVB3	67957	78601	2.26%	0.260%
61	22.691	3347	3350	3356	rVB	110205	158514	4.55%	0.523%
62	23.209	3431	3438	3453	rBV	1834130	3483212	100.00%	11.501%
63	23.350	3455	3462	3472	rVB	917935	1846829	53.02%	6.098%
64	23.850	3543	3547	3553	rVB	139739	225571	6.48%	0.745%

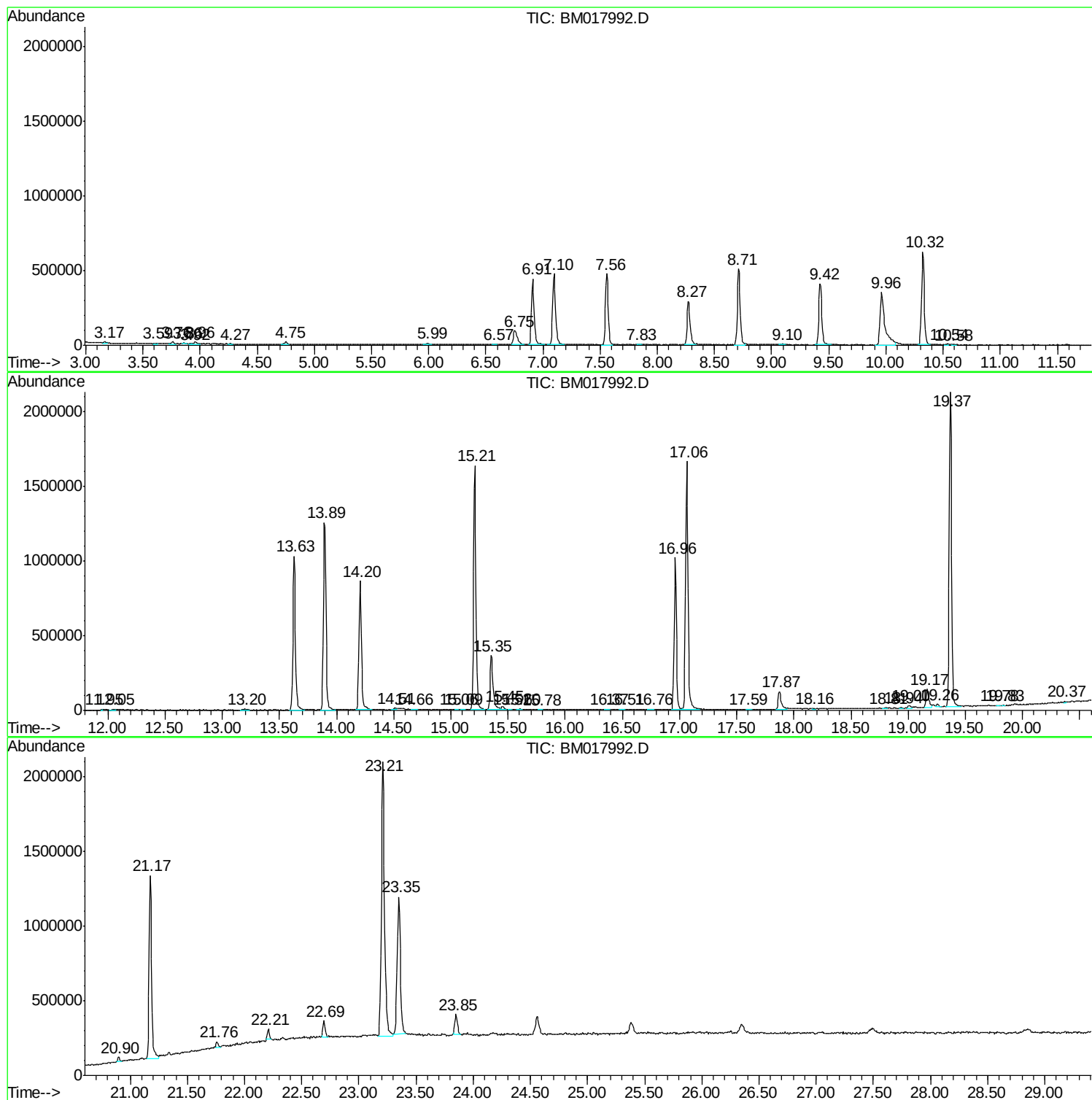
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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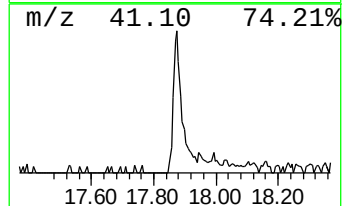
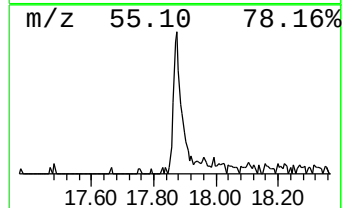
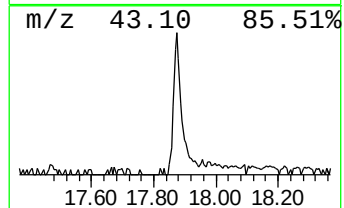
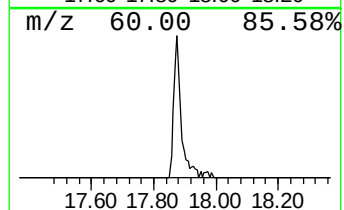
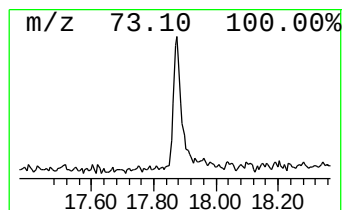
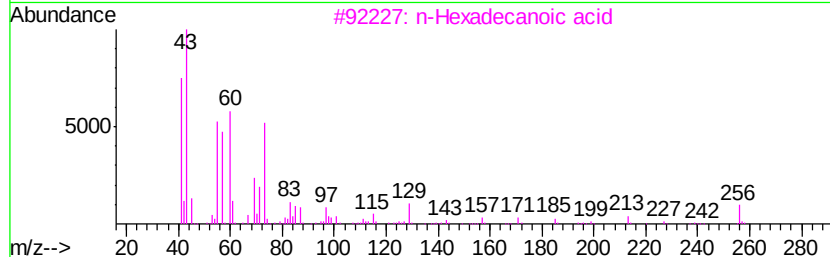
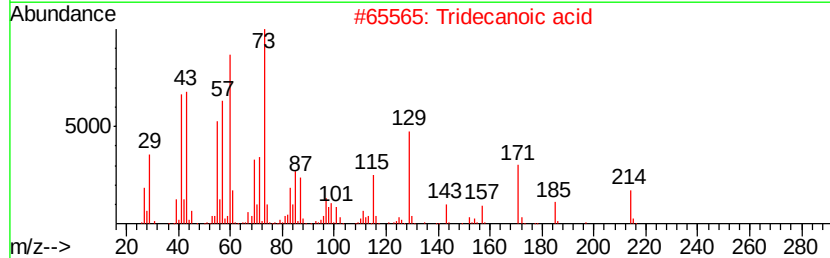
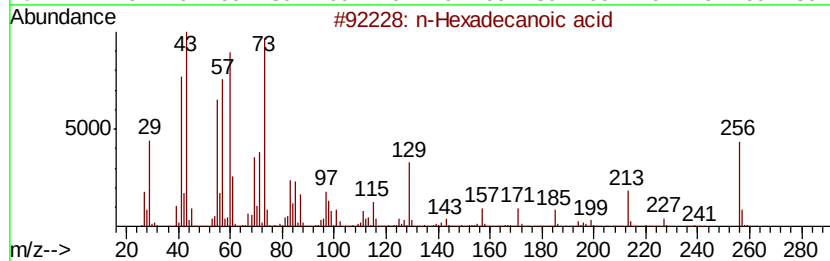
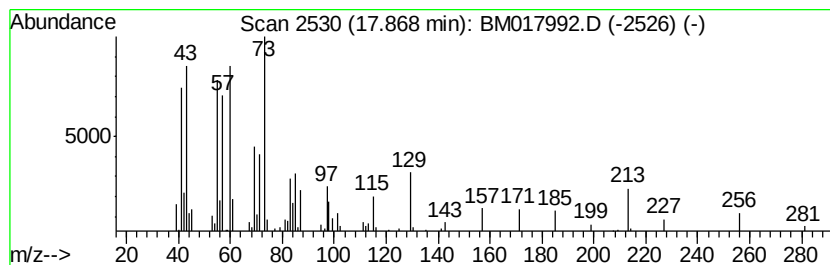
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.87	2.98 ng/ul	218161	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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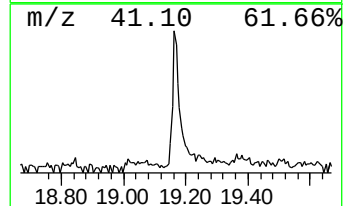
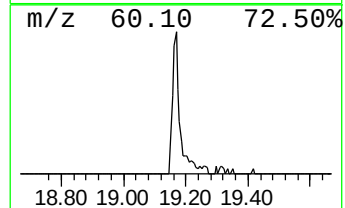
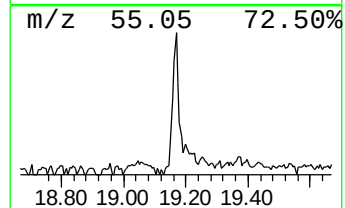
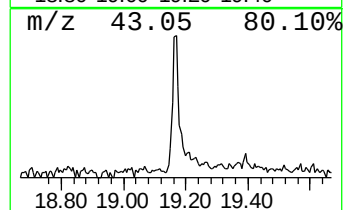
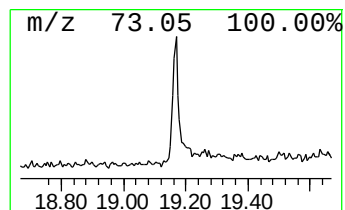
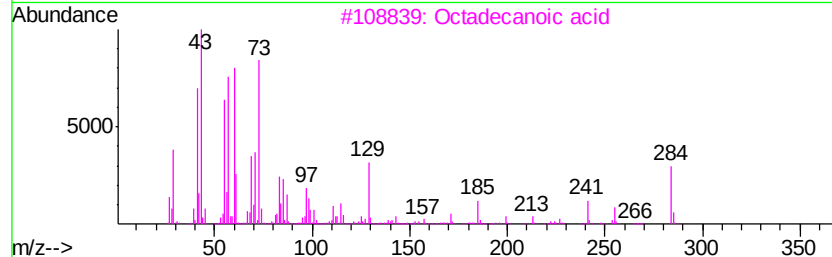
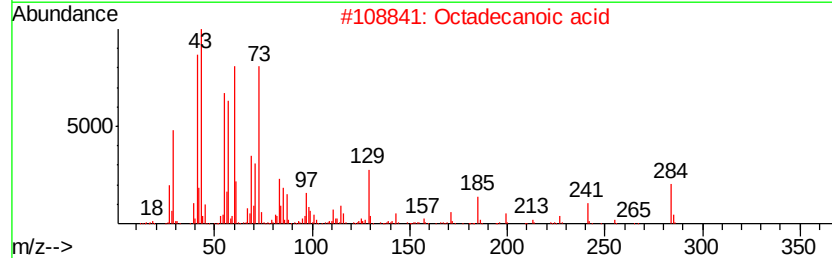
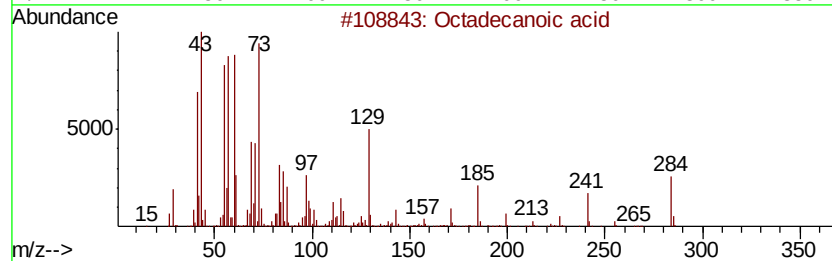
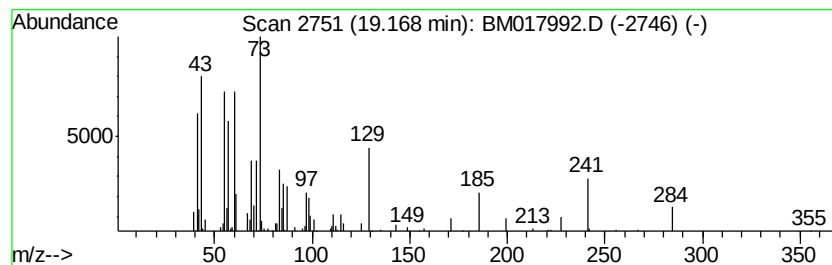
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.22 ng/ul	202128	Chrysene-d12	21.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284 C18H36O2	000057-11-4	98
2	Octadecanoic acid	284 C18H36O2	000057-11-4	97
3	Octadecanoic acid	284 C18H36O2	000057-11-4	94
4	Octadecanoic acid	284 C18H36O2	000057-11-4	89
5	Octadecanoic acid, 2-(2-hydroxy...	372 C22H44O4	000106-11-6	87



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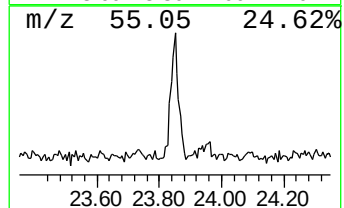
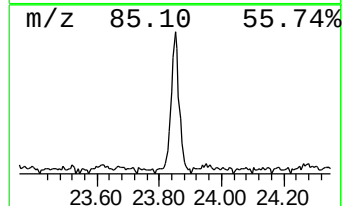
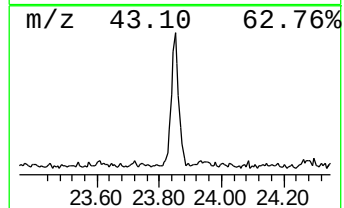
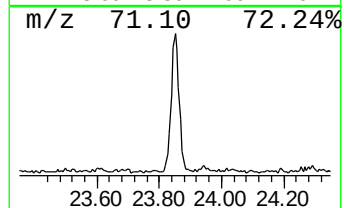
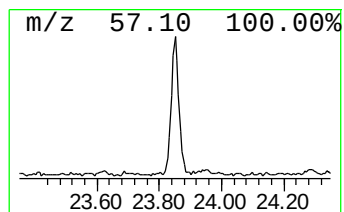
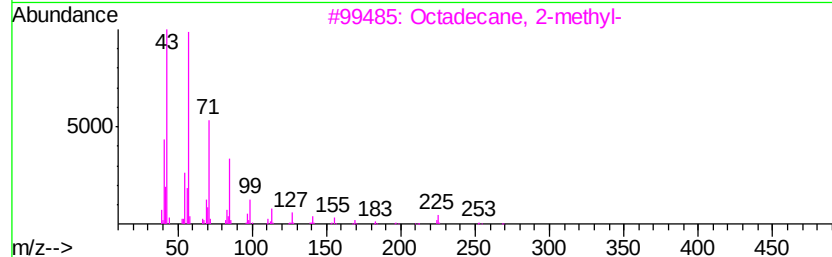
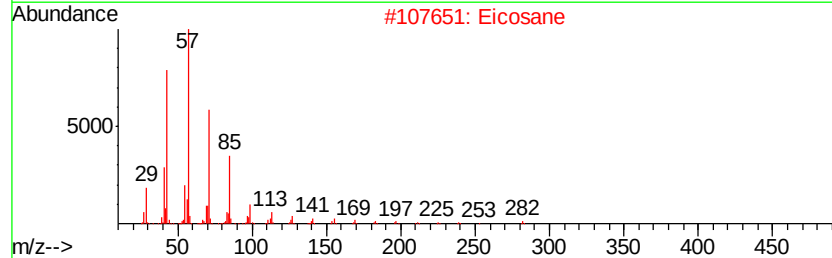
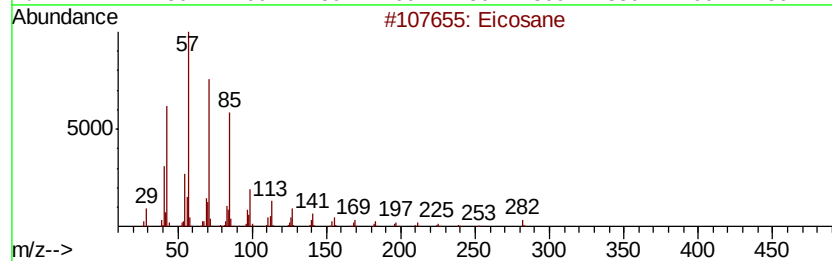
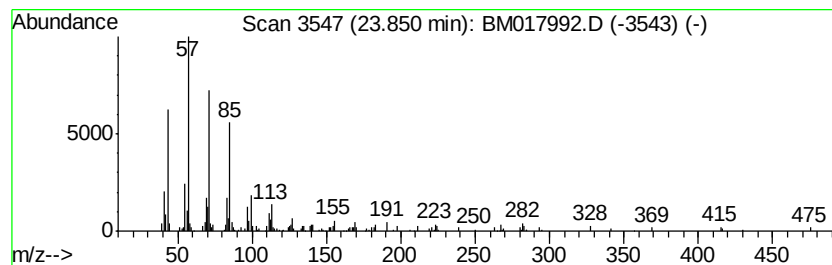
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	2.44 ng/ul	225571	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Eicosane	282	C20H42	000112-95-8	89
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Heneicosane	296	C21H44	000629-94-7	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	3.0	ng/ul	218161	4	16.96	1461820	20.0
Octadecanoic acid	19.17	2.2	ng/ul	202128	5	21.17	1818090	20.0
(DEL) Alkane: Str...	23.85	2.4	ng/ul	225571	6	23.35	1846830	20.0